

TABLE 10-5B(1)
GROUP R OCCUPANCY: DEFAULT U-FACTORS FOR CONCRETE AND MASONRY WALLS

**TABLE 10-5B(1e): Group R Occupancy and Other than Group R Occupancy
 Peripheral Edges of Intermediate Concrete Floors**

Slab Edge Treatment	Average Thickness of Wall Above and Below			
	6 inches	8 inches	10 inches	12 inches
Exposed Concrete	0.816	0.741	0.678	0.625
R-5 Exterior Insulation	0.161	0.157	0.154	0.152
R-6 Exterior Insulation	0.138	0.136	0.134	0.132
R-7 Exterior Insulation	0.122	0.120	0.118	0.116
R-8 Exterior Insulation	0.108	0.107	0.106	0.104
R-9 Exterior Insulation	0.098	0.097	0.095	0.094
R-10 Exterior Insulation	0.089	0.088	0.087	0.086
<u>R-11 Exterior Insulation</u>	<u>0.082</u>	<u>0.081</u>	<u>0.080</u>	<u>0.079</u>
<u>R-12 Exterior Insulation</u>	<u>0.076</u>	<u>0.075</u>	<u>0.074</u>	<u>0.074</u>
<u>R-13 Exterior Insulation</u>	<u>0.070</u>	<u>0.070</u>	<u>0.069</u>	<u>0.068</u>
<u>R-14 Exterior Insulation</u>	<u>0.066</u>	<u>0.065</u>	<u>0.065</u>	<u>0.064</u>
<u>R-15 Exterior Insulation</u>	<u>0.062</u>	<u>0.061</u>	<u>0.061</u>	<u>0.060</u>

Notes for Default Table 10-5B(1)

1. Grouted cores at 40" x 48" on center vertically and horizontally in partial grouted walls.
2. Interior insulation values include 1/2" gypsum board on the inner surface.
3. Furring and stud spacing is 16" on center. Insulation is assumed to fill furring space and is not compressed.
4. Intermediate values may be interpolated using this table. Values not contained in this table may be computed using the procedures listed in Standard RS-1.